

What Is Claimed Is:

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1. A converter for satellite communication reception provided with a case having two waveguides in which linear polarized waves orthogonal to each other propagate, a circuit substrate fitted to this case and two probes disposed on this circuit substrate, wherein these two probes are arranged in the waveguides.

2. The converter for satellite communication reception according to Claim 1, wherein the two probes consist of pin members, and wherein these pin members are supported by the circuit substrate.

3. The converter for satellite communication reception according to Claim 2, wherein the two pin members are formed in an L shape, and wherein a ground pattern provided on the circuit substrate is used as a reflective face for the pin members.

4. The converter for satellite communication reception according to Claim 1, wherein the two probes consist of electroconductive patterns provided on the circuit substrate, and wherein short caps are fitted to the circuit substrate as reflective faces for these electroconductive patterns.

5. The converter for satellite communication reception according to Claim 1, wherein the directions of the two probes are orthogonal to each other.